



1. Project Name: Agat SBH
2. Date of Inspection: June 7, 2002
3. Inspection Personnel:

	<u>Name</u>	<u>Agency/Office</u>	<u>Telephone No.</u>
a.	Dan Meyers	COE	438-8875

4. Discussion:

The overall condition of the project is good.

The Main Breakwater 985 LF, has minor encroachments (chains) on the crest (CL) and sideslopes of the structure both oceanside (OS) and the harborside (HS).

The North Revetted Mole, 300 LF, has a minor encroachment, which is the installation of a business sign at the crest. I spoke with Mr. Bill Bradford, Manager of JanZs Seafood Restaurant, Agat Marina and explained the structures ownership. Bradford stated the sign had been there for 8 years however, he would remove it. Other deficiencies are toe armor stone movement and vegetation.

The South Revetted Mole, 180 LF, was modified in the early 1990s. DPW or Ports may have done this modification. There are no updated AS-BUILT drawings for this work. The structure has well-established vegetation at the root section as the primary deficiency.

The Stub Breakwater, 60 LF has no noticeable deficiencies.

STRUCTURES	STATION
Main Breakwater	0+00 to 9+85
North Revetted Mole	0+00 to 3+00
South Revetted Mole	0+00 to 1+80
Stub Breakwater	0+00 to 0+60

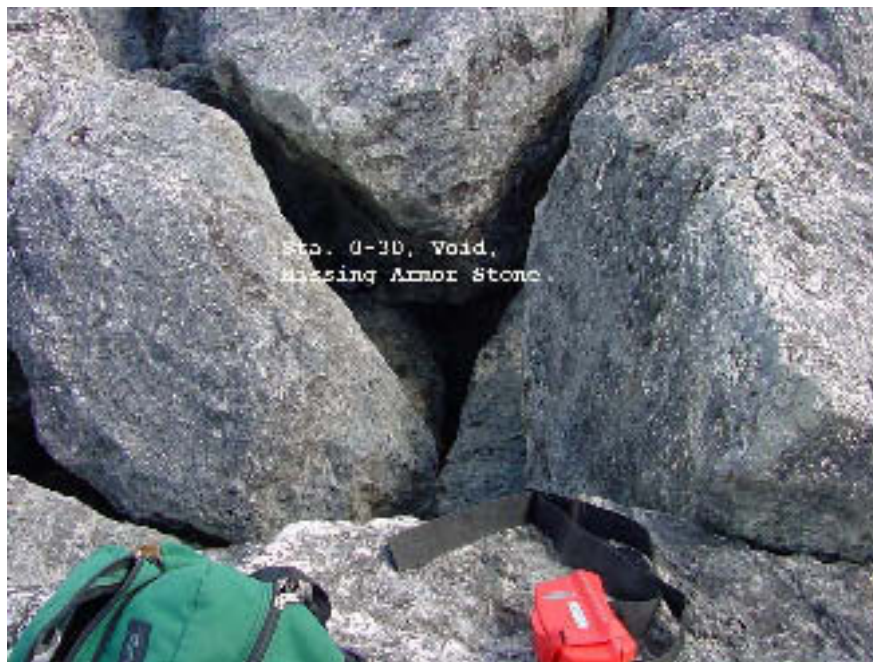
Primary deficiencies are as follows:



MAIN BREAKWATER - 985 LF:



- a. Sta. 0-35, Crest/Sideslope, Void, the missing armor stones appear to be resting on the OS of the structure.



- b. Sta. 0-30, Crest/Sideslope, Void, the missing armor stones appear to be resting on the OS of the structure.



c. Sta. 0-35, 2 ea. armor stones (AS) are resting adjacent the structure. These AS may be from the above identified voids.



d. Sta. 0+25, Overview (reference photo).



e. Sta. 0+82, OS, Remove chain.



f. Sta. 1+62, OS, Monitor slight settling on the sideslope.



g. Sta. 2+13, Overview (reference photo).



h. Sta. 2+68, HS, Remove juvenile coconut tree.



i. Sta. 2+98, Overview (reference photo).



j. Sta. 3+45, Remove auto transmission (reference photo).



- k. Sta. 3+59, CL, Monitor minor settling.



- l. Sta. 3+90, HS, Remove chains.



m. Sta. 4+04, OS, Remove chains.



n. Sta. 4+44, CL, Monitor small void, no obvious settling.



- o. Sta. 4+95, HS, Remove chains.



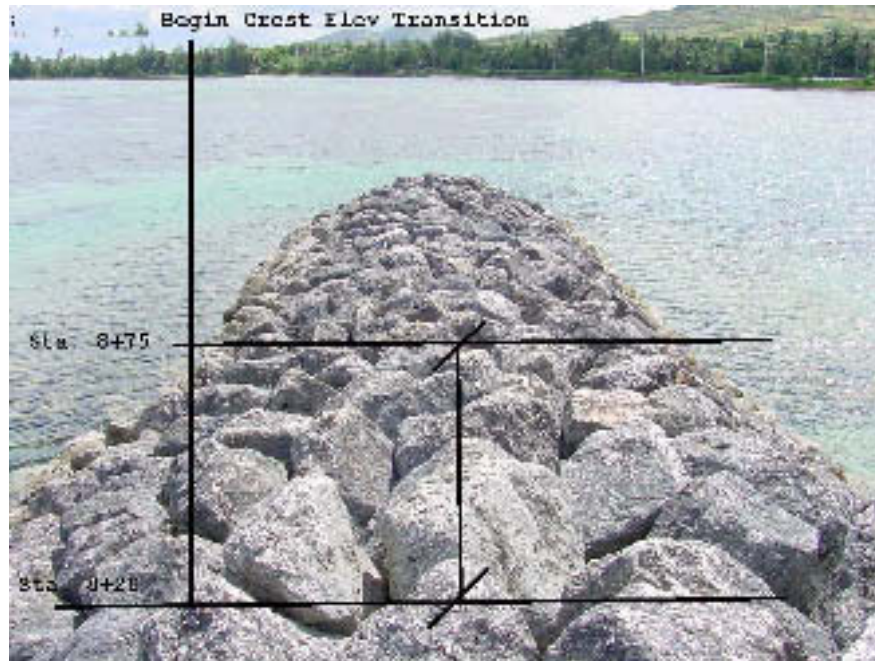
- p. Sta. 5+71, CL, Monitor slight settling.



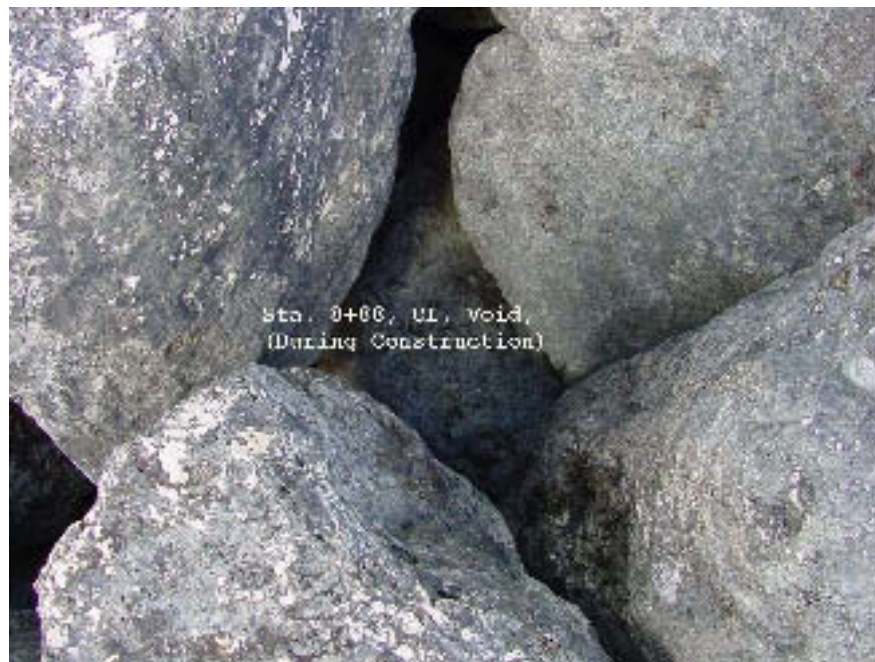
q. Sta. 6+92, Overview (reference photo).



r. Sta. 7+35, OS, Remove chain.



s. Sta. 8+75, Overview (reference photo).



t. Sta. 8+88, CL, Monitor void area.



u. Sta. 8+88, OS, Begin bedding rock (reference photo).



v. Sta. 8+99, CL, Monitor void area.



w. Sta. 9+16, HS, Remove chain.



x. Sta. 9+25, CL, Monitor void area.



NORTH REVETTED MOLE - 300 LF:



- a. Sta. 0+10, CL, Unauthorized encroachment, remove sign.



- b. Sta. 0+66, OS, Remove tree.



c. Sta. 1+20, Overview (reference photo).



d. Sta. 2+68, OS, Monitor the toe of the structure and dislocated armor stones at this area. This area at the intersection of the berthing area dredge cut and the reef flat has "scoured" a small channel.



e. Sta. 3+00, Overview (reference photo).



SOUTH REVETTED MOLE - 180 LF:



- a. Sta. 0+00 to Sta. 0+33, HS, Remove vegetation.



- b. Sta. 0+00 to Sta. 0+50, OS, Remove vegetation.



c. Sta. 0+33 to Sta. 1+70, HS, Structure modified.



d. Sta. 0+70, OS, Overview (reference photo).



STUB BREAKWATER - 50 LF:



a. Sta. 0+00, Overview (reference photo).



b. Sta. 0+34, CL, Monitor slight settling.



c. Sta. 0+60, Head, Overview (reference photo).

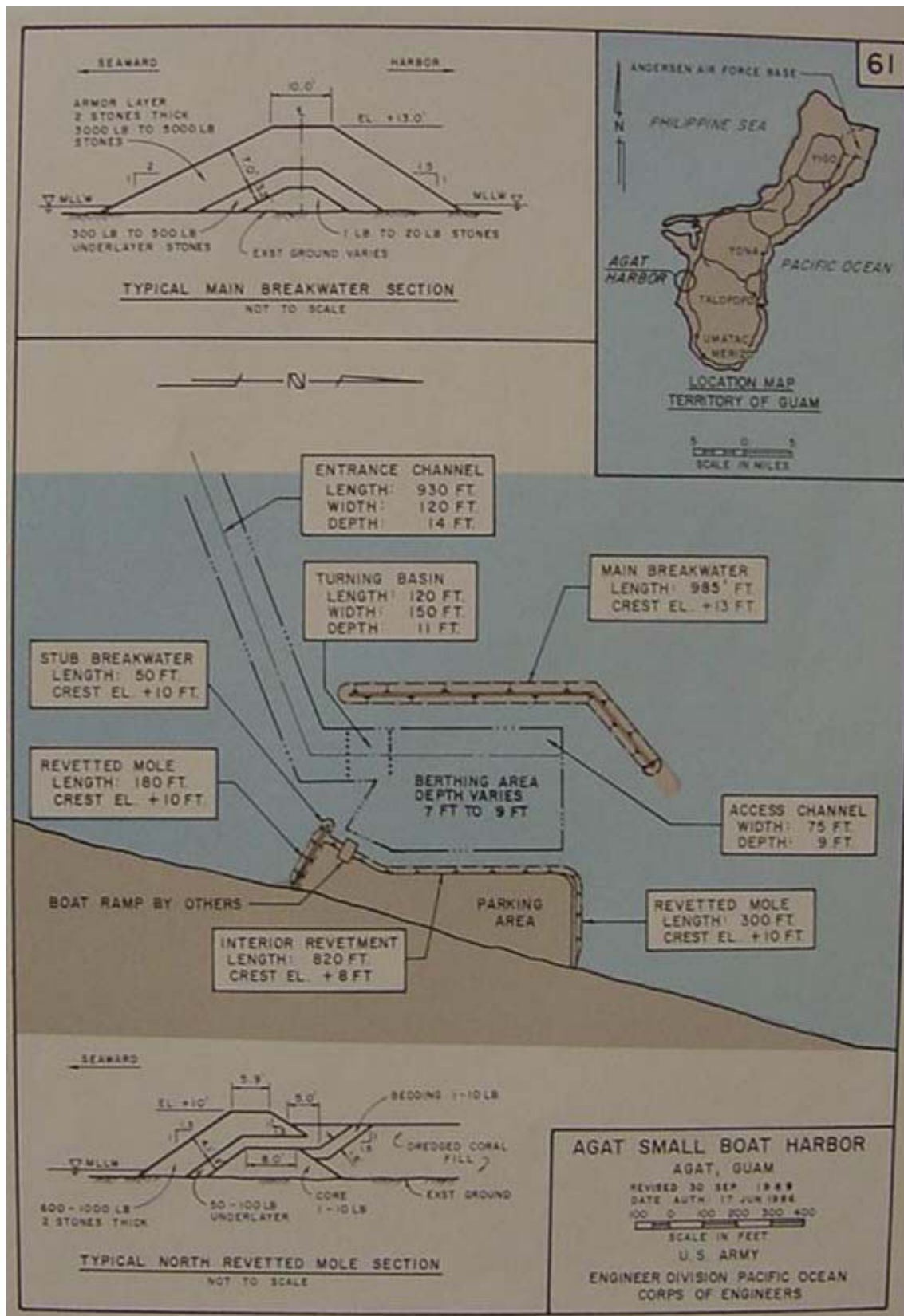
5. Findings/Conclusions:

Vegetation removal from the structures should be accomplished before conditions worsen. The chains that are installed by persons unknown, on the main breakwater needs to be removed. These are used for temporary mooring during storms and have not been designed into the project.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
Jim Pennaz P.E., Ch, CEPOH-EC-T

Additional Photos
Project Index Map





AGAT SMALL BOAT HARBOR, GUAM

CONDITION OF IMPROVEMENT 30 SEPTEMBER 1991

PREVIOUS PROJECTS: None.

EXISTING PROJECT: Authorized for construction on 17 June 1986 under Section 107 of the River and Harbor Act of 1960, as amended. Provides for an entrance channel 930 feet long, 120 feet wide, 14 feet deep; a turning basin 120 feet long, 150 feet wide, 11 feet deep; a main access channel 500 feet long, 75 feet wide, 9 feet deep; two breakwaters 985 feet long and 50 feet long; and two revetted moles 180 feet long and 300 feet long. The protected basin will provide berthing areas for 150 boats.

PROGRESS OF WORK

Completed and Under Maintenance: A construction contract awarded in October 1986 was completed in February 1989 for \$3,388,687.

Work Remaining: None.

COST OF CONSTRUCTION:

<u>Completed Works:</u>	<u>New Work</u>
United States Funds	
Corps of Engineers	\$1,714,486
Coast Guard	1,994
Contributed Funds	
Required	1,239,363
Other	<u>992,804</u>
Total Costs	\$3,948,647